

**Reichhold Chemicals, Inc.**

Treated Fiber Products  
2340 Taylor Way  
P.O. Box 1482  
Tacoma, Washington 98401

**REICHHOLD**

February 27, 1990

SEA21487.JJ

Chief, Waste Management Branch  
Environmental Protection Agency, Region X  
1200 Sixth Avenue  
Seattle, Washington 98101

Gentleman:

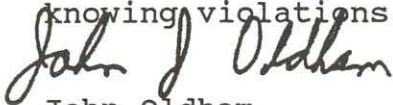
Subject: Water Treatment System  
Reichhold Chemicals, Inc., Tacoma WA  
2340 Taylor Way  
Tacoma, Washington

In accordance with Section I.N.(1) of the RCRA Permit (WAD 009 252 891), this letter certifies that the Water Treatment System has been constructed at Reichhold Chemicals, Inc., Tacoma, Washington in compliance with the Permit. The Water Treatment System was originally described in the Reichhold Interim Corrective Measures Contract Package No. 3 titled Demonstration Phase Installation Water Treatment System dated November 1988.

The Water Treatment System was constructed with only minor changes (e.g., deletion of butterfly valve PSL-1a, addition of concrete pad for electrical panel, change safety shower water line routing, etc.). As required by Section II.A.(3) of the Permit, enclosed are the final record drawings for the Water Treatment System with additions/deletions/changes for the original construction noted. The rationale for these minor deviations are based on normal construction methods and materials availability.

I certify under penalty of law that this document and all attachments were prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel properly gather and evaluate the information submitted. Based on my inquiry of the person or persons who manage the system,

or those persons directly responsible for gathering the information, the information submitted is, to the best of my knowledge and belief, true, accurate, and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment for knowing violations.



John Oldham  
Plant Manager  
Reichhold Chemicals, Inc.  
February 28, 1990



Lauri J. Gorton, P.E.  
CH2M HILL Northwest, Inc.  
February 28, 1990

Attachment

cc: Margaret Small, PE  
Environmental Protection Agency, Region X  
Supervisor, Hazardous Waste Section  
Washington Department of Ecology  
Environmental Commission  
Puyallup Indian Tribe



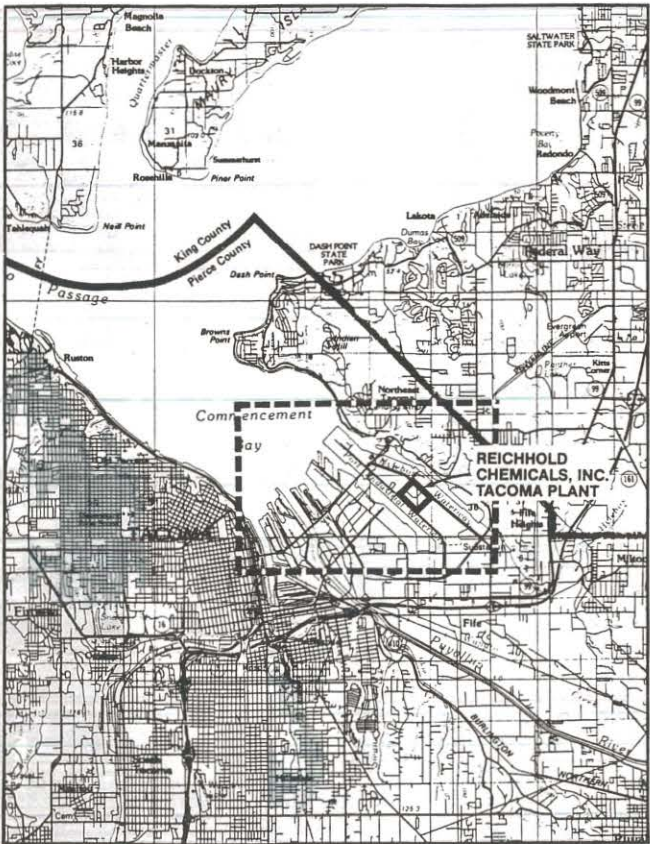
# REICHHOLD CHEMICALS, INC. TACOMA, WASHINGTON

## INTERIM CORRECTIVE ACTION

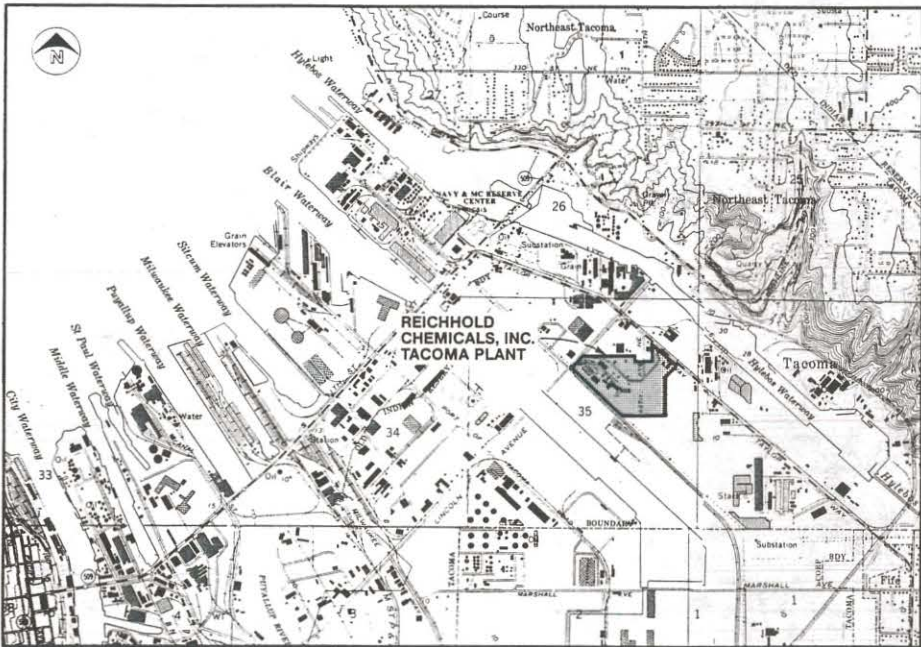
# FIELD DEMONSTRATION INSTALLATION

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TACOMA VICINITY MAP



PORT OF TACOMA  
LOCATION MAP

### RECORD DRAWINGS

Revisions Drawn by CSH Date 12-22-89

THESE RECORD DRAWINGS HAVE BEEN PREPARED, IN PART, ON THE BASIS OF INFORMATION COMPILED BY OTHERS. THEY ARE NOT INTENDED TO REPRESENT IN DETAIL THE EXACT LOCATION, TYPE OF COMPONENT NOR MANNER OF CONSTRUCTION. THE ENGINEER WILL NOT BE RESPONSIBLE FOR ANY ERRORS OR OMISSIONS WHICH HAVE BEEN INCORPORATED INTO THE RECORD DRAWINGS.



DSGN	C. COSBY
DR	C. HOWELL
CHK	N. GOSSETT
APVD	E. LUECKER

NO.	DATE	REVISION	BY	APVD
3	12-20-89	RECORD DRAWING	WAP	
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TACOMA, WASHINGTON  
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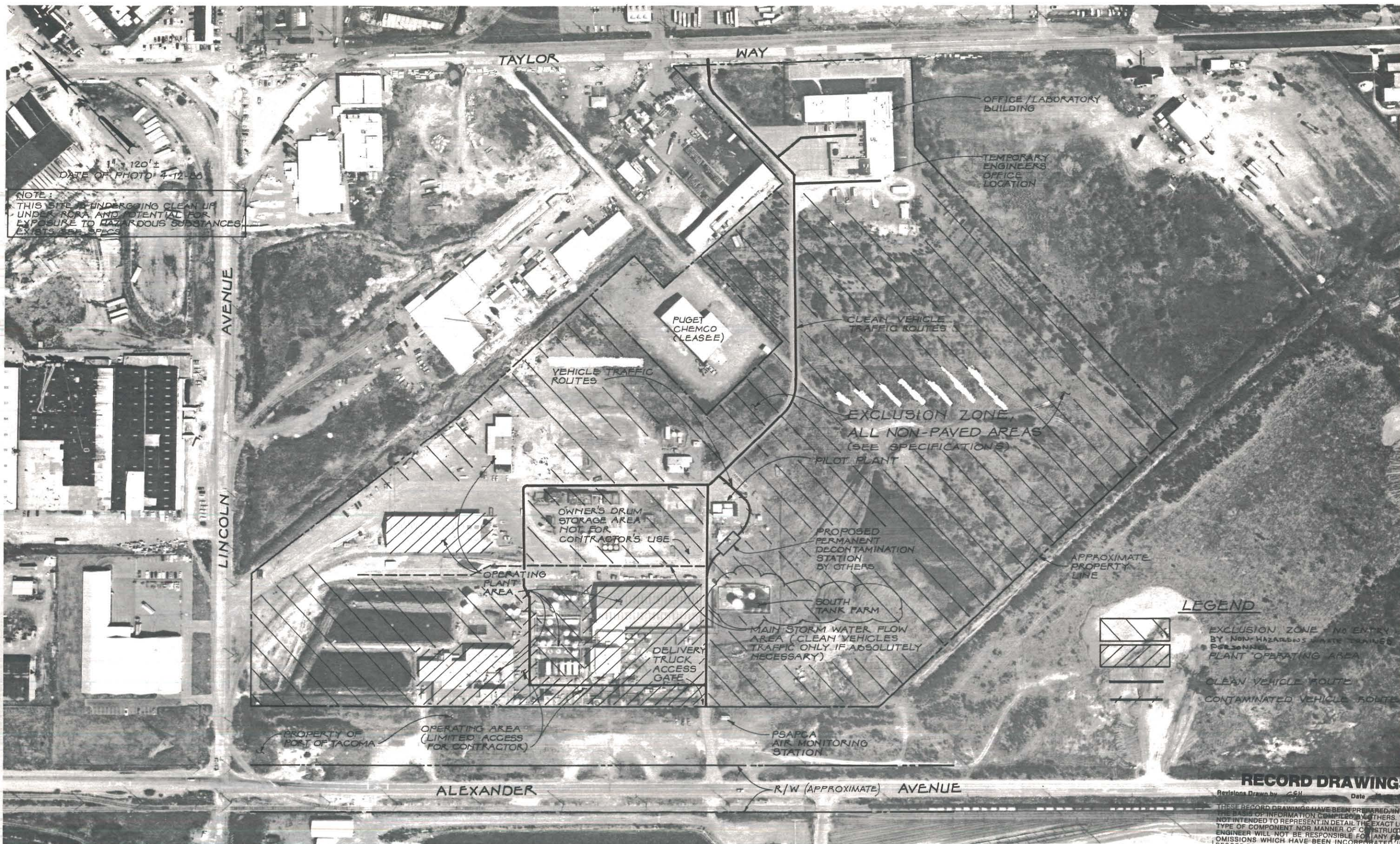
WTS PLANT-DEMONSTRATION PACKAGE

TITLE AND VICINITY MAP

CONTRACT PACKAGE #3

SHEET
DWG NO.
DATE OCT. 1988
PROJ NO. S 21487.J1





# LEGEND

- EXCLUSION ZONE - NO ENTRY BY NON-HAZARDOUS WASTE TRAINED PERSONNEL
- PLANT OPERATING AREA
- CLEAN VEHICLE ROUTE
- CONTAMINATED VEHICLE ROUTE

## RECORD DRAWINGS

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DSGN C. COSBY  
DR O. FRIAL  
CHK D. WINSTANLEY  
APVD E. LUECKER

NO. 3  
DATE 11-14-88

RECORD DRAWING  
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REVISION

WAP  
BY  
APVD

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REICHOLD CHEMICALS, INC.  
TACOMA, WA  
INTERIM CORRECTIVE ACTION

WTS PLANT-DEMONSTRATION PACKAGE

## GENERAL SITE PLAN

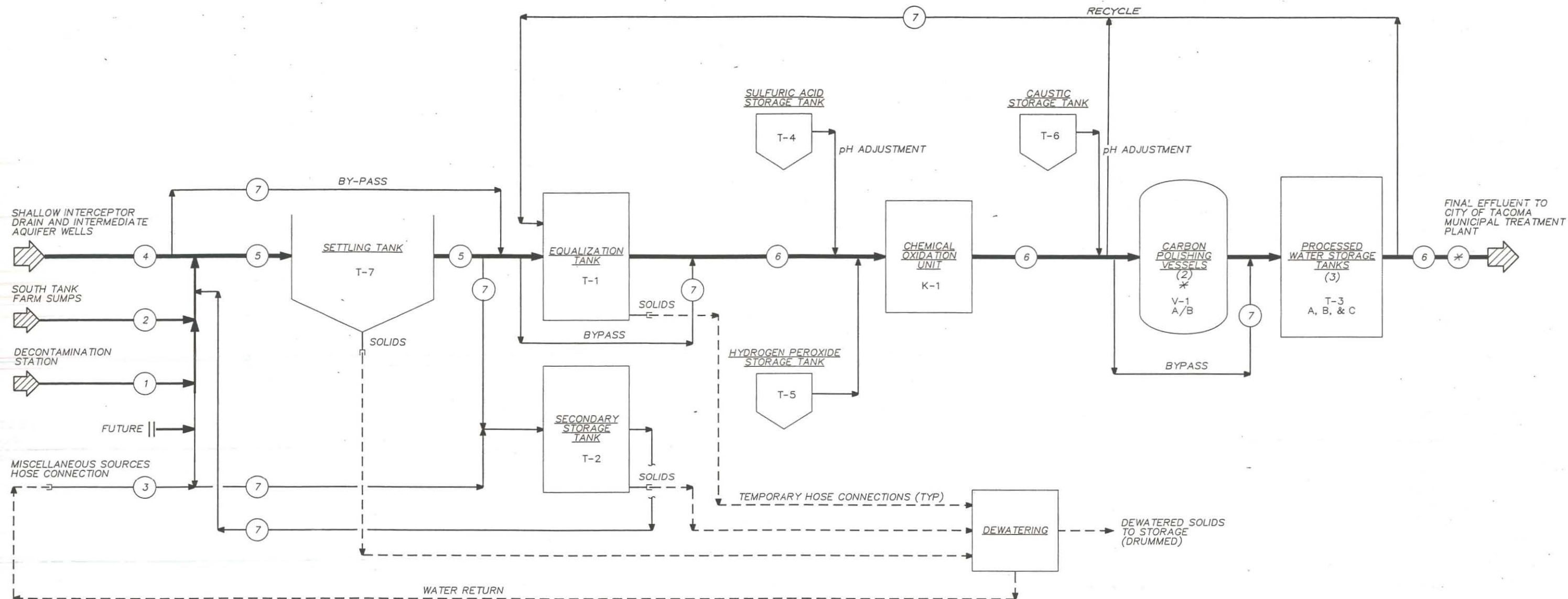
CONTRACT PACKAGE #3

SHEET G-1

DATE OCT. 1988

PROJ S21487.J1  
NO.





## DESIGN BASIS

CONSTITUENT	INFLUENT	EFFLUENT
PENTACHLOROPHENOL	5000 ppb	LATER
TOTAL PHENOLS	11000 ppb	LATER
pH	6.5 - 7.0	LATER
TEMPERATURE	60° F	LATER

## FLOW BALANCE (GPM)

STREAM IDENTIFICATION	STREAM ID	DEMONSTRATION PHASE	START-UP	STEADY STATE
CONSTRUCTION DECONTAMINATION WATER	①	25 (I)	0	0
SOUTH TANK FARM SUMPS	②	10 (I)	10 (I)	10 (I)
MISCELLANEOUS SOURCES	③	5 (I)	5 (I)	5 (I)
GROUNDWATER	④	5 - 15	100 - 140	60 - 70
PROCESS WATER	⑤	5 - 25	100 - 140	60 - 70
PROCESS WATER	⑥	70 (B)	100 - 140	60 - 70
BY-PASS / RECYCLE	⑦	70 (I)	100 - 140 (I)	60 - 70 (I)

## KEY

- (B) = BATCH - 1 - SHIFT OPERATION  
 (I) = INTERMITTENT OR INFREQUENT FLOW  
 ND = NON-DETECTABLE BY A SPECIFICALLY DEFINED CHEMICAL ANALYTICAL TECHNIQUE  
 ppb = parts per billion  
 mg/l = milligrams / liter  
 NL = NO ESTABLISHED LIMIT

NOTES: \* CARBON POLISHING IS PLACED DOWN STREAM OF THE PROCESSED WATER STORAGE TANKS DURING THE DEMONSTRATION PHASE.

## RECORD DRAWINGS

Revisions Drawn by CSH Date 12-22-88  
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DSGN N W GOSSET  
 DR RECH L J LAZO  
 CHK R ROSAIN  
 APVD L LUECKER

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